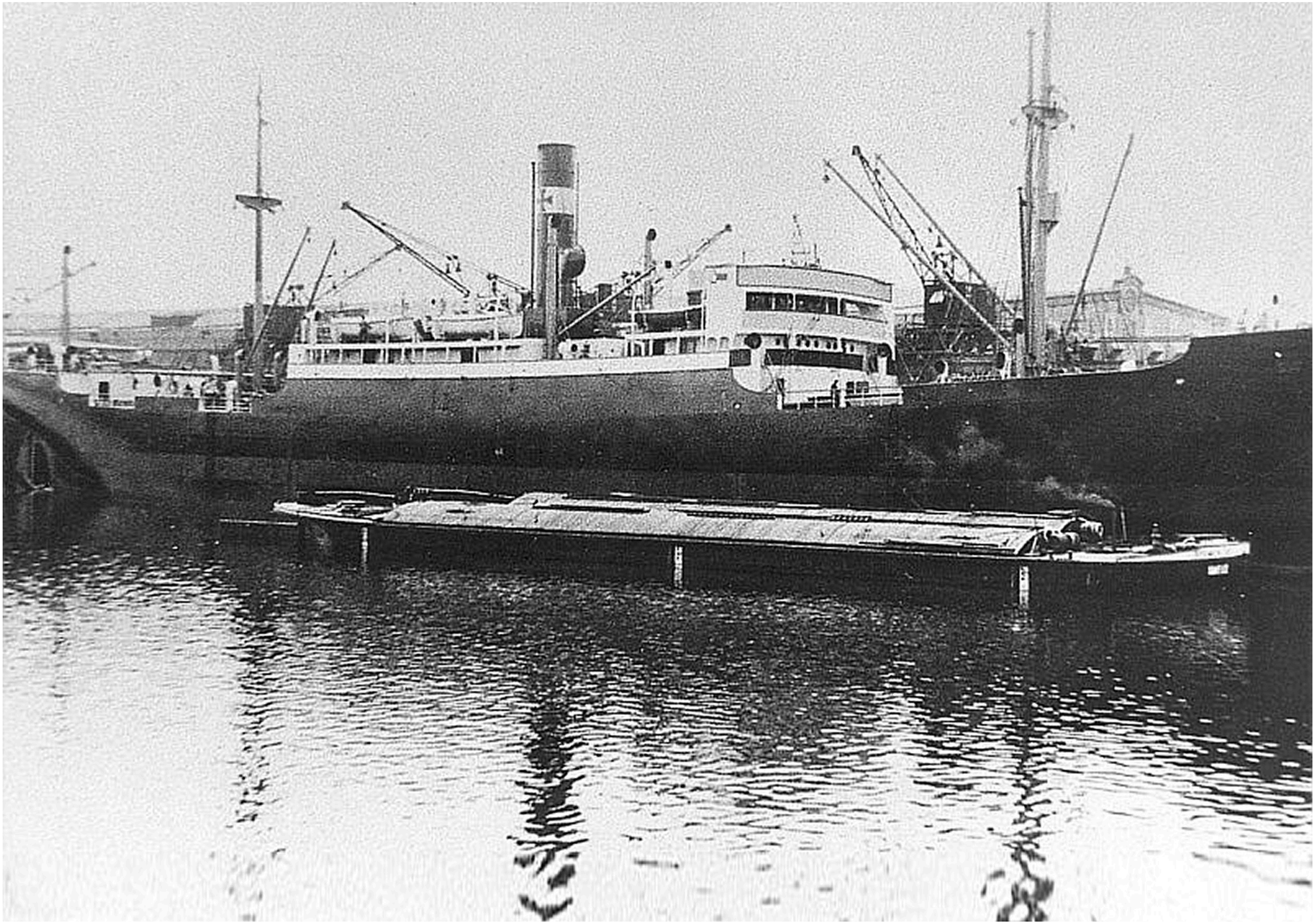


Steamteam Boom 22.

Renamed
"HUNNIE"

No name

W5944-0196

10.9.10
22.11.10
15.6.11
13.7.11
28.7.11

PROFILE

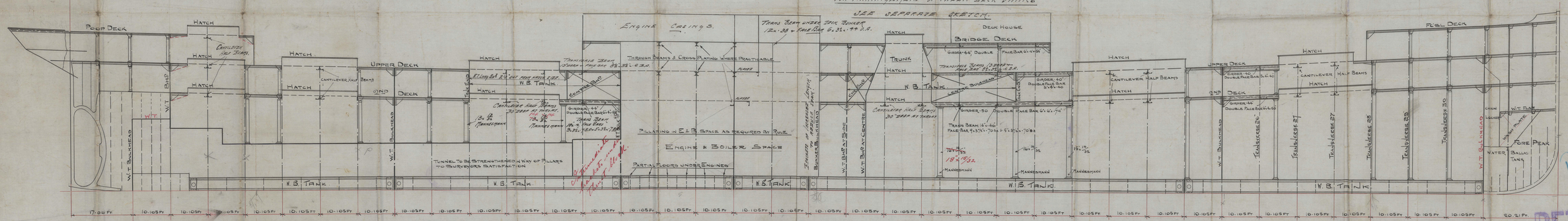
DIMENSIONS: LENGTH B.P. 401'-0" BREADTH Moulded 53'-6" DEPTH Moulded 31'-0"

ISHERWOOD SYSTEM (PATENT)

SCALE ⅛" = ONE FOOT

With Pillars under Deckhouse to Surveyors Satisfaction.

For Arrangements of Sheer Deck Tanks
see separate sketch.



Double Angles on top of Plate Longls & Trans under Engine.

Bottom Longls Graduated from Bd at Fore Hold End to Bt at Collision End.

Note. Crown plates & transverse brackets at heads of all pillars which are not directly below Main transverses.

Messrs A.G. Weser
Bremen

7/9/10

C.B. 10.9.10.

C.G. 10.9.10.

SS 178.

PROFILE

RETAIN

Steinturm Am. 22

ZN° 213.

Deck Plans

Length B.P. 401'-0" Breadth Mld 53'-6" Depth Mld 31'-0"

Scale 1/8" = one Foot

Isherwood System (Patent)

10 . 9 . 10

Messrs A.G. Weser,
Bremen

7/9/10

DKS

RETAIN

10.9.10

SS 178.

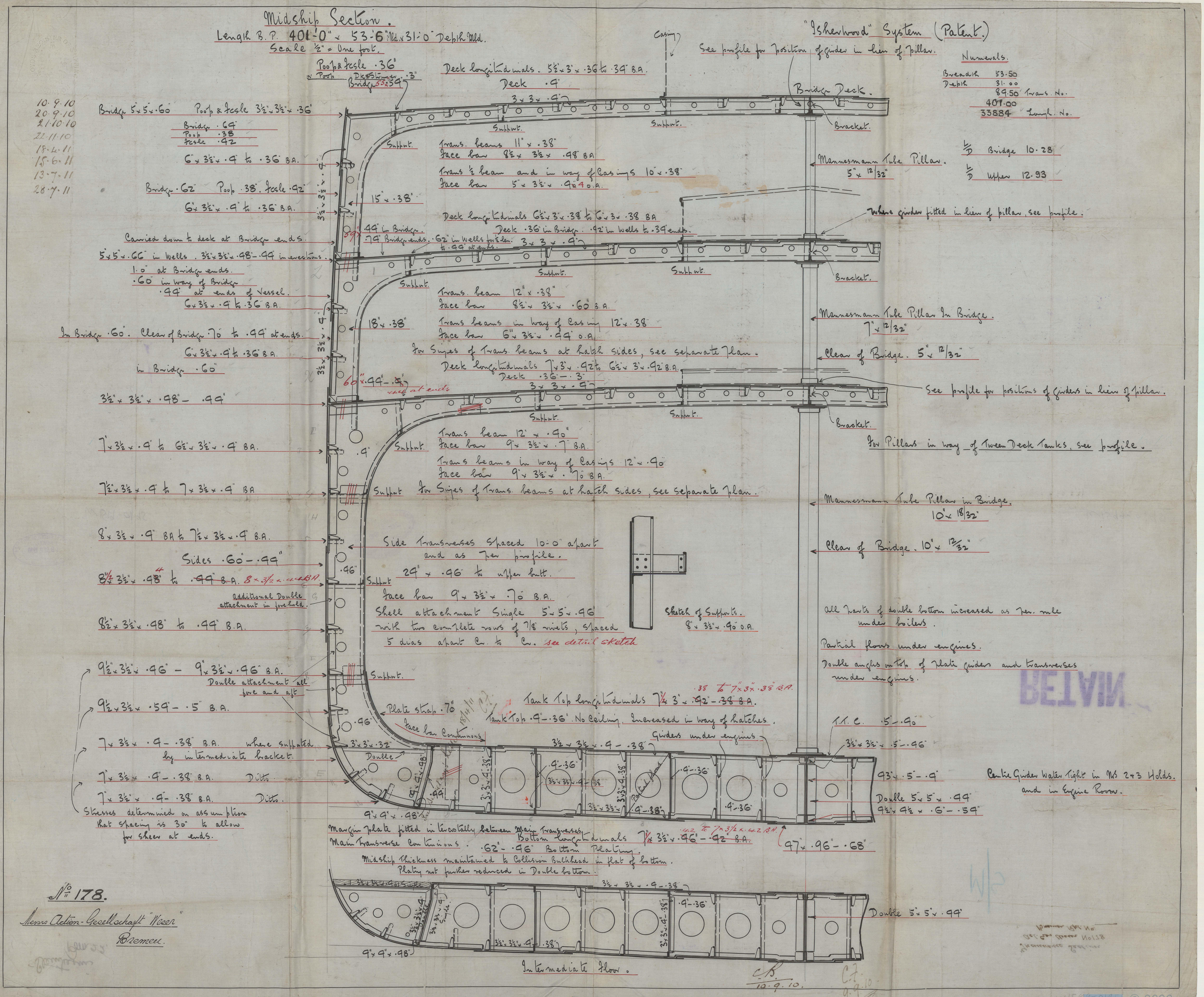
Engineering Section
Acc. Gen. Order No 178
Bremen Rpt. No. ____

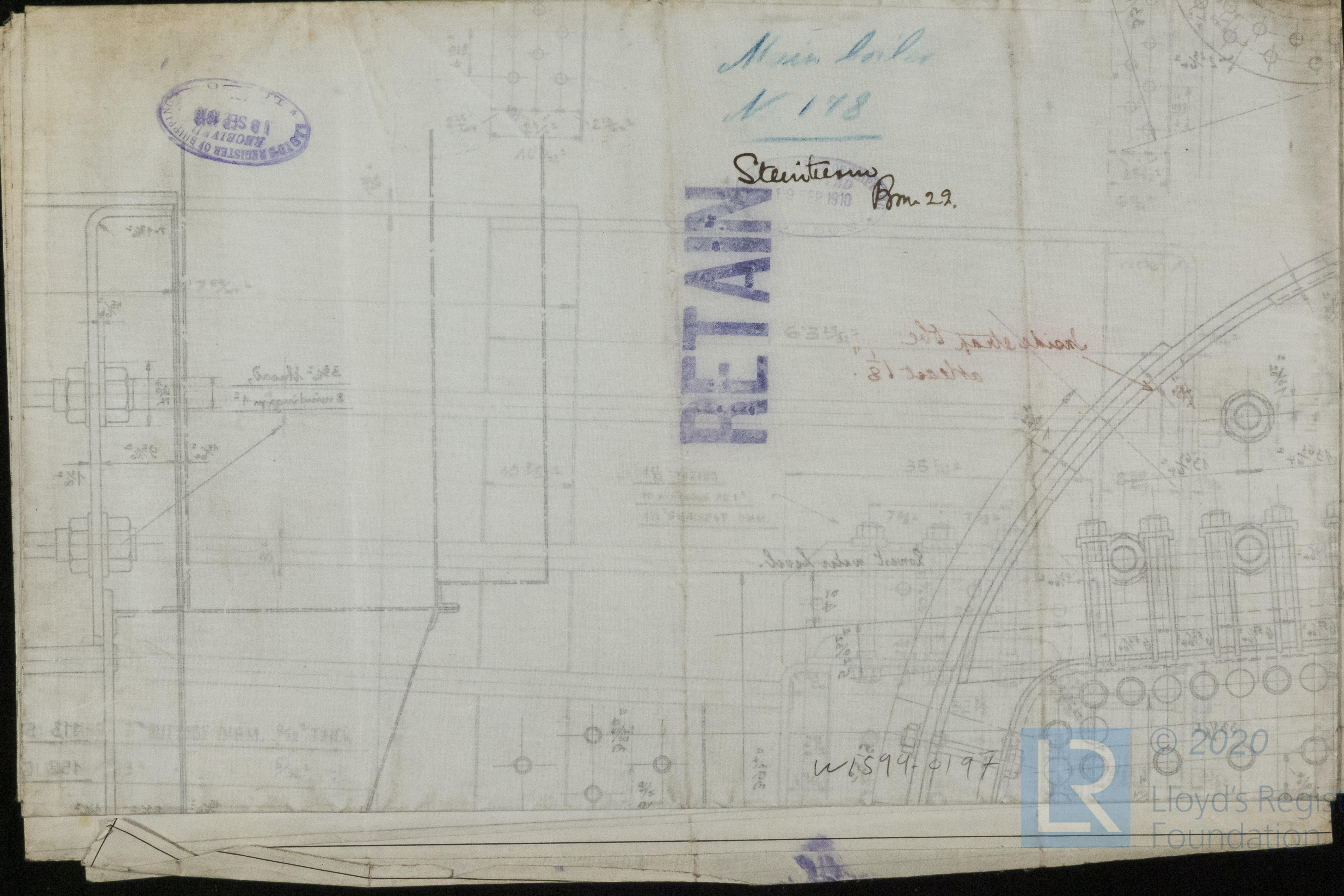
M/S

RETAIN

Stemtegni
Form 22.

W1599-0195





I 1831

Steamer No. 178.

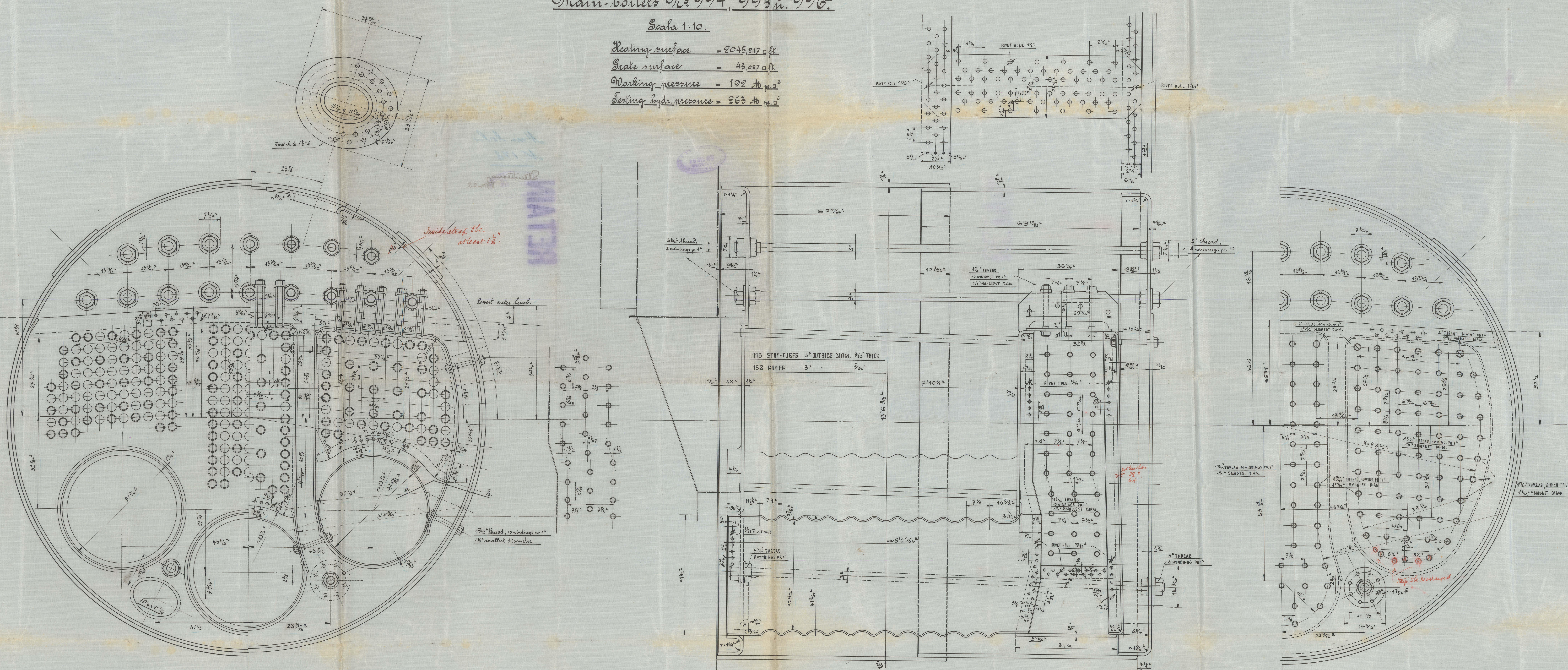
22/9/10.

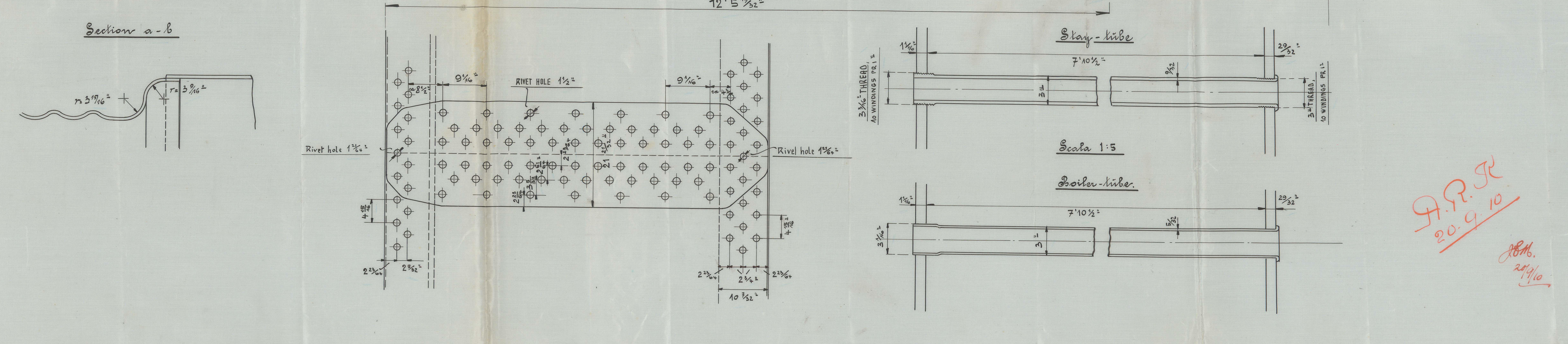
Built by Act. Ges. „Weser" Bremen.

Main-boilers No. 994, 995 u. 996.

Scala 1:10.

Heating surface = 2045,217 □ ft.
Grate surface = 43,057 □ ft.
Working pressure = 192 lb pr. □"
Testing hydr. pressure = 263 lb pr. □"





Material and Execution.
The material of all plates is Siemens-Martin steel.
Shellplates, butt straps and girders are to have a tensile strength from 27,9 to 33 tons pr □",
elongation not less than 22 to 20% in a length of 8 inches.
The corrugated furnaces and the other plates are to have a tensile strength from 22,9 to 26,7 tons pr □",
elongation not less than 26 to 24% in a length of 8 inches.
The material of the boiler-stays and rivets is Siemens-Martin steel, they are to have a tensile strength
from 21,6 to 26 tons pr. □", elongation not less than 25%.
The stay-bolts are of fine-grained iron and are to have a tensile strength from 22,2 to 25,4 tons pr. □",
elongation not less than 20%.
The stay- and fire-tubes are steel-tubes.
The stay-tubes are screwed on both ends into the tube-plates, expanded and riveted only on the back-end.
The boiler-tubes are expanded on both ends and riveted only on the back-end.
The stays are screwed into the plates and provided with nuts and washers.
The longitudinal seams of the shellplates, the circumferential seams and the back bottom of the
combustion chamber are riveted hydraulic.
All rivet-holes are drilled.

Danby Boiler

No 178

Steinteman. Bom. 22.

RETAIN

Steamer No. 178.

Built by Act. Ges. „Weser" Bremen.

Donkey-boiler No. 997.

Scala 1:10.

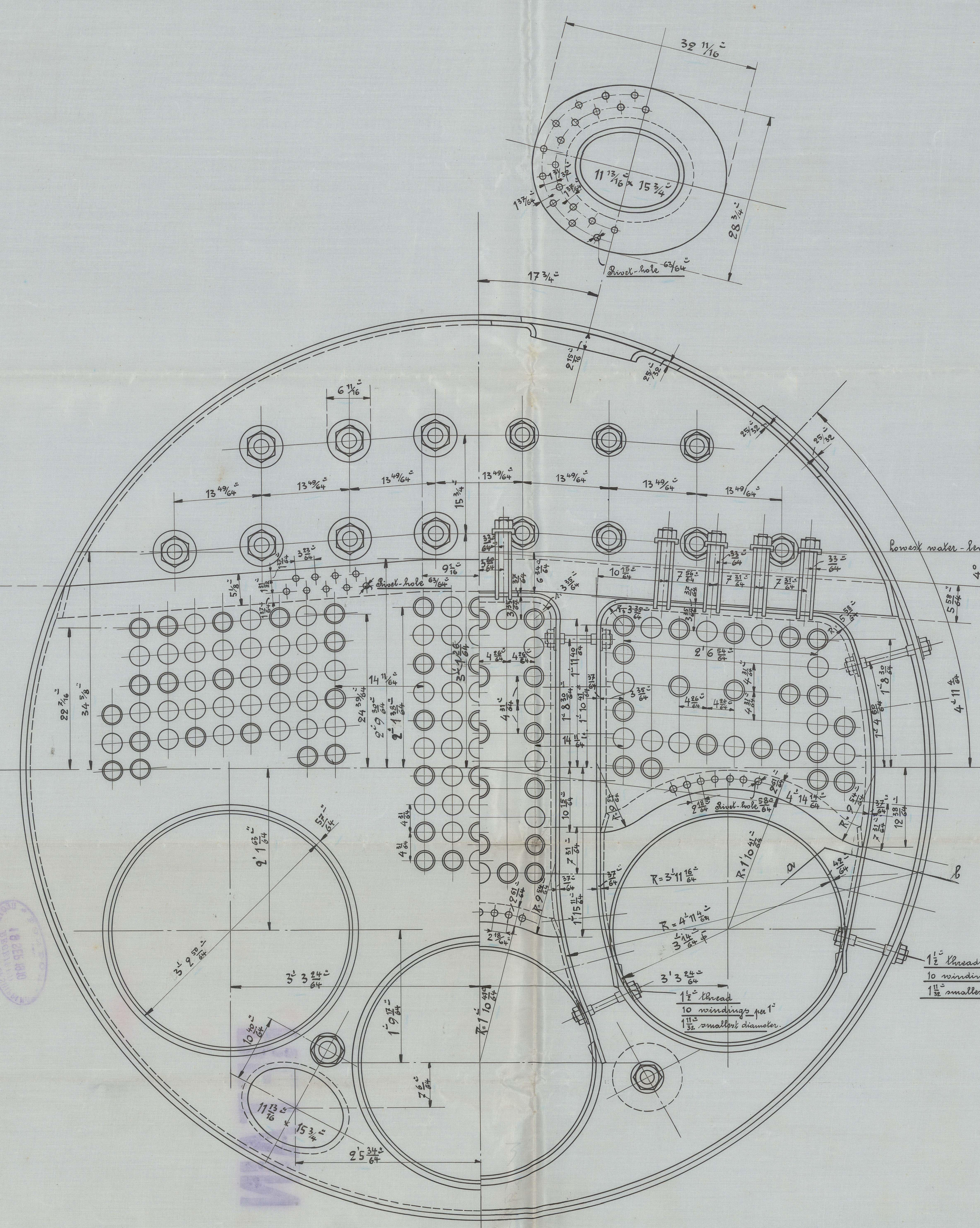
Heating-surface = 1076,43 □ ft.

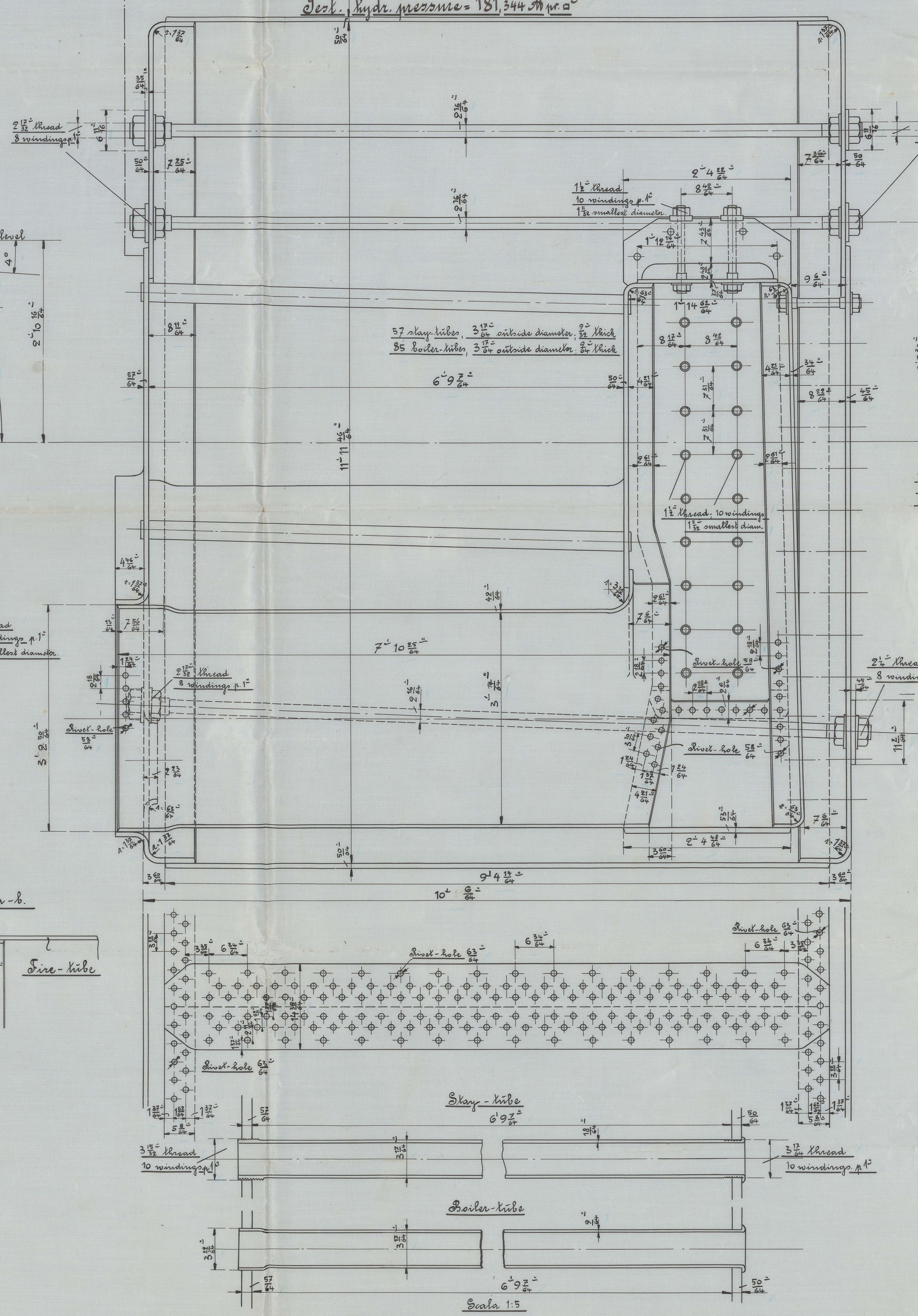
Grate-surface = 45,21 □ ft.

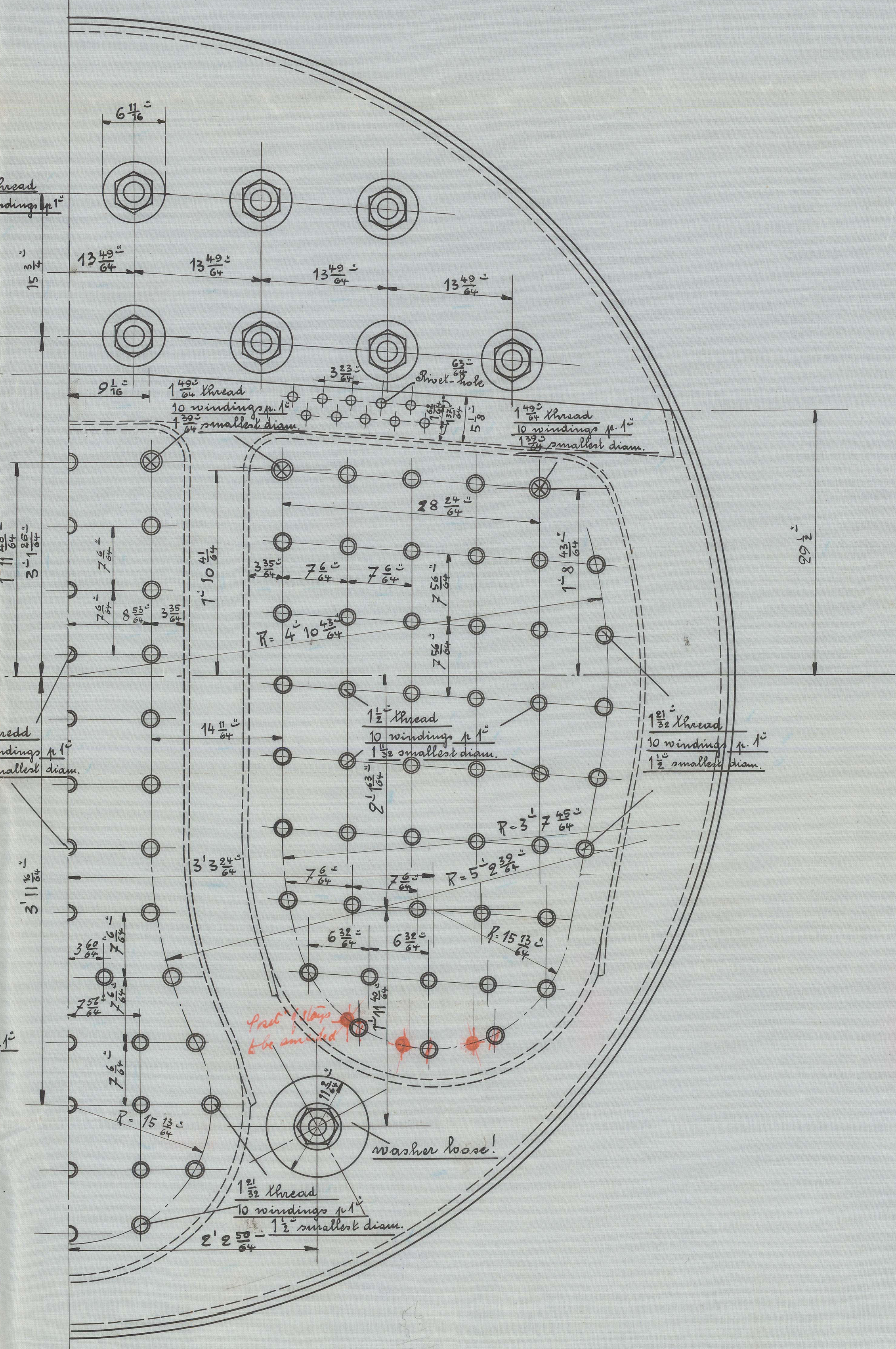
Working-pressure = 120,896 # pr. □"

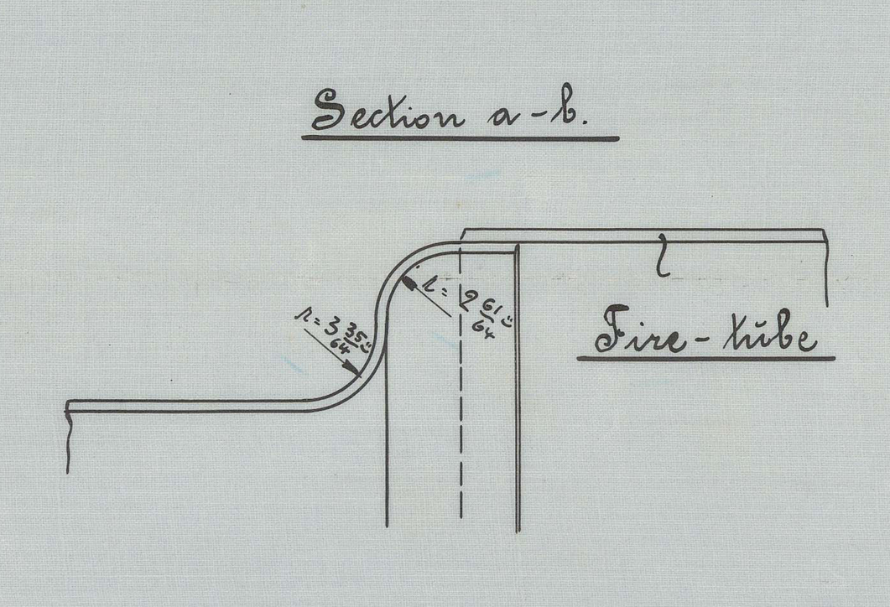
Test. hydr. pressure = 181,344 # pr. □"

22/9/10









Material and Execution.

The Material of all plates is Siemens-Martin steel.

Shellplate, butt straps and girders are to have a tensile strength from 27,9 to 33 tons pr. □";
elongation not less than 22 to 20% in a length of 8 inches.

The furnaces and the other plates are to have a tensile strength from 22,9 to 26,7 tons pr. □"
elongation not less than 26 to 24% in a length of 8 inches.

The material of the boiler-stays and rivets is Siemens-Martin steel, they are to have a tensile strength from
21,6 to 26 tons pr. □", elongation not less than 25 %

The stay-bolts are of fine-grained iron and are to have a tensile strength from 22,2 to 25,4 tons pr. □",
elongation not less than 20 %.

The stay- and fire-tubes are steel tubes.

The stay tubes are screwed on both ends into the tube-plates, expanded and riveted only on the back-end.

The boiler-tubes are expanded on both ends and riveted only on the back-end.

The stays are screwed into the plates and provided with nuts and washers.

The longitudinal seam of the shellplate and the circumferential seams of the front-plates are riveted hydr.

All rivet-holes are drilled.